SHARP

ウォーターオーブン

別冊
無線ＬＡＮガイドブック

形名

エイ エックス エックスピー　ダブル エフ

AX-XP1WF

お買いあげいただき、まことにありがとうございました。
この別冊 無線LANガイドブックをよくお読みのうえ、正しくお使いください。

ご使用の前に、製品に同梱されているクックブック(取扱説明編)もあわせて、「安全上のご注意」を必ずお読みください。

この別冊 無線LANガイドブックは、いつでも見ることができる所に必ず保存してください。

業務用として使用しないでください。

本書(別冊 無線LANガイドブック)では、おもに無線LAN機能の初期設定や、ココロボ～ドアプリを使用することで利用できるヘルシオの機能について説明しています。

もくじ

ページ

安全上のご注意

人への危害、財産への損害を防ぐため、お守りいただくことを説明しています。

■ 誤った使いかたで生じる内容を、
次のように区分して説明しています。

⚠警告 「死亡または重傷を負うおそれがある」内容。

■ お守りいただく内容の種類を、
次の図記号で説明しています。

 してはいけないこと。

 しなければならないこと。

⚠警 告

● **病院内など電波を発する機器の使用が禁止されている場所に設置しない**
(医療機器の誤作動の原因)

● **本製品を使用するときは、心臓ペースメーカーの装着部位から15cm以上離して使用する**
(医療機器の誤作動の原因)
電波によりペースメーカーの動作に影響を与えるおそれがあります。

使用上のご注意

- ココロボ～ドアプリを利用するためには、ココロボ～ドアプリの利用規約に同意する必要があります。
- ココロボ～ドアプリや「シャープクラウド」サービスは、バージョンアップにより内容が変更されることがあります。
- 本製品と無線LANアクセスポイント間の電波状態が悪い場合は、無線LANアクセスポイントの本体やアンテナの向きを調整することで電波状態が改善されることがあります。
また、無線LANアクセスポイントを本製品に近付けたり、無線LAN中継器を利用することで改善される場合もあります。
- ネットワーク接続を中止したい場合は、[**設定**]→[**無線LAN**]→[**無線LAN ON/OFF**]で[**OFF**]にしてください。
- 廃棄したり、第三者に譲渡する場合、第三者から譲渡された場合は、**設定初期化**をおこなってください。9ページ
場合によって操作が異なりますので、ご注意ください。
- スマートフォンを買い替える場合は、シャープサポートページのQ&Aをご覧ください。
- 一般的な無線LAN機器として、ご家庭宅内でお使いください。
- 次のような場所では使用しないでください。
  - 病院内や医療機器のある場所、またその近く
  - 高精度な制御や微弱な信号を取り扱う電子機器の近く

（ご注意いただきたい電子機器の例：
補聴器、心臓ペースメーカー、火災報知器、自動ドア、その他の自動制御機器など）

■シャープサポートページのQ&A
http://www.sharp.co.jp/support/healsio/index.html

（　　）の数字は、主な説明のあるページ番号を示しています。

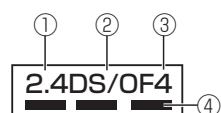
無線LAN使用上のご注意

無線LANをご利用の場合は、電波や個人情報などに関して守らなければならない注意事項があります。
次の内容、およびご使用の無線LANアクセスポイントの取扱説明書を必ずご覧のうえ、正しくお使いください。
お客様、または第三者による誤った使用、使用中に生じた故障、その他の不具合、本製品の使用によって受けられた損害については、法令上賠償責任が認められる場合を除き、当社は一切の責任を負いません。

■ 電波に関する使用上のご注意

- 本製品は、電波法に基づく小電力データ通信システムの無線局の無線設備として技術基準適合認証を受けたモジュールを内蔵しています。従って、本製品を使用するときに無線局の免許は必要ありません。
  また、本製品は日本国内でのみ使用できます。
- 本製品は、技術基準適合認証を受けたモジュールを内蔵していますので、以下の事項をおこなうと法律で罰せられることがあります。
  ・本製品内蔵のモジュールを分解／改造すること。
- 本製品を次のような場所で使用した場合、機能が制限されることがあります。
  本製品と同じ周波数帯(2.4GHz)を利用する無線通信機器であるBluetooth、その他特定小電力無線機器の近く。
- 本製品では加熱中は無線LAN通信を停止しています。本製品以外の電子レンジなどの機器の磁場、静電気、電波障害が発生するところでは、一時的に電波状態が悪くなり、ご利用できなくなる場合があります。

本製品の使用周波数帯では、電子レンジなどの産業・科学・医療機器のほか、工場の製造ラインなどで使用されている移動体識別用の構内無線局(免許を要する無線局)および特定小電力無線局(免許を要しない無線局)、ならびにアマチュア無線局(免許を要する無線局)が運用されています。
① 本製品を使用する前に、近くで移動体識別用の構内無線局および特定小電力無線局並びにアマチュア無線局が運用されていないことを確認してください。
② 万一、本製品から移動体識別用の構内無線局に対して有害な電波干渉の事例が発生した場合には、速やかに無線LANアクセスポイントの使用周波数を変更するかまたは電波の発射を停止した上、シャープサポートページの専用フォームからご連絡いただき、混信回避のための処置などについてご相談ください。
③ その他、本製品から移動体識別用の特定小電力無線局あるいはアマチュア無線局に対して有害な電波干渉の事例が発生した場合など、何かお困りのことが起きたときは、シャープサポートページの専用フォームからお問い合わせください。

- 本製品の無線LAN機能は、以下の仕様に対応しています。
  ・IEEE802.11b/g/n
  (暗号方式「WEP」は、セキュリティ強度が低いため対応しておりません)
- 本製品が使用する無線の周波数帯の仕様は次の通りです。

①2.4：2.4GHz帯を使用する無線設備を表します。
②DS/OF：変調方式がDS-SS方式/OFDM方式であることを示します。
③4 ：想定される干渉距離が40m以下であることを示します。
④━ ━ ━：全帯域を使用し、かつ移動体識別装置の帯域を回避可能であることを意味しています。

■ 個人情報(セキュリティ関連)に関する使用上の注意事項について

- 無線LAN 機器をご利用の場合は、暗号設定有無にかかわらず電波を使用している関係上、傍受される可能性があります。
- 無線LANは、電波を利用して本製品と無線アクセスポイント間で情報のやり取りをおこなうため、電波の届く範囲であれば自由にLAN 接続が可能であるという利点があります。その反面、電波はある範囲内であれば障害物(壁など)を越えてすべての場所に届くため、通信内容を盗み見られる／不正に侵入されるなどの可能性があります。
- 無線接続設定時に利用権限がない機器およびネットワークとの接続をしないでください。
- 廃棄したり、第三者に譲渡する場合、第三者から譲渡された場合は、**設定初期化**をおこなってください。9ページ

■ その他

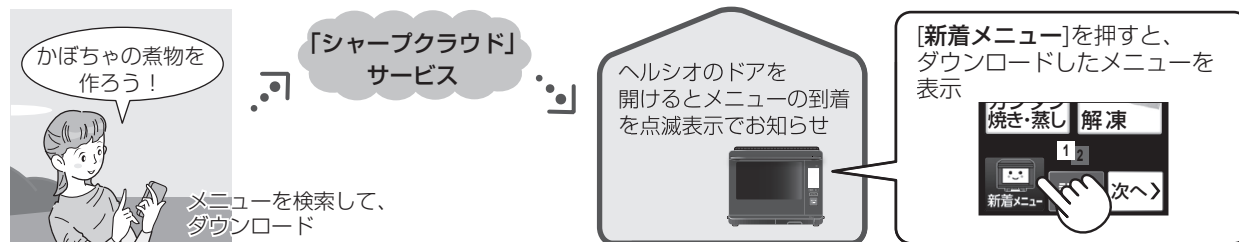
- すべての無線LANアクセスポイントおよび住宅環境でワイヤレス接続、性能を保証するものではありません。
  次のような場所では、電波が届かなくなったり、電波が途切れたりすることがあります。
  ・コンクリート、鉄筋、金属が使われている建造物内 ・障害物の近く ・同じ周波数を利用する無線通信機器の近く
- 本製品の無線LANは1～13チャンネルに対応しています。これ以外のチャンネルに設定されている無線LANアクセスポイントとは通信できません。
- 無線LANと電子レンジは、同じ周波数帯を利用しています。本製品での加熱中は無線LAN通信を停止していますが、本製品以外の電子レンジの使用中は一時的に電波状態が悪くなりご利用できない場合があります。

無線LAN対応ヘルシオでできること

無線LAN機能の初期設定をし、ココロボ～ドアプリ※でともだち家電に登録しておうちボードに招待すると、ヘルシオが話しかけたり、お手持ちのスマートフォンやタブレット端末などの情報端末機器(以下スマートフォンとして説明します)**からヘルシオに、直接メニューをダウンロードすることができます。**
※ココロボ～ドアプリは、ご家族で楽しく気軽にお使いいただけるコミュニケーションアプリです。

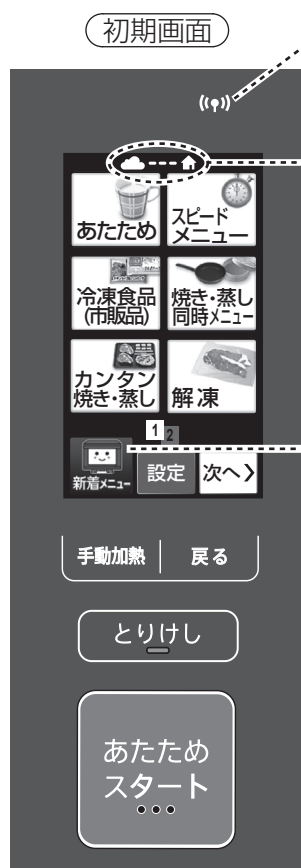
イメージ図

外出先から調理したいメニューをヘルシオに直接ダウンロード

ココロボ～ドから、調理したいメニューを選び、ダウンロード。どこからでも操作でき、時間を有効活用できます。

必要な環境

- **常時接続のブロードバンド回線**
- **無線LAN アクセスポイント** (プッシュボタン方式対応のもの)
  プッシュボタン方式とは、無線LANアクセスポイントの「ボタンを押すだけで機器との接続設定が完了する機能」のことです。
- **スマートフォン、タブレット端末などの携帯端末機器**
  Android™ 2.3/4.0 以降のスマートフォン、iOS 6 以降のiPhone、iPod touch、iPad に対応しています。
  ただし、無線LAN機能に対応していないスマートフォンは利用できません。
- **SHARP i CLUBへの登録** (登録無料) 5ページ

- 本書で記載している画面、イラストは説明用のものであり、実際とは異なる場合があります。
  また、ココロボ～ドアプリの画面やアイコン、文章は、バージョンアップによって変更される場合があります。
- ココロボ～ドアプリのダウンロードや操作などに必要な通信費は、お客様のご負担になります。
- 「Android」はGoogle Inc. の商標です。
  「iPhone」「iPod touch」「iPad」は、Apple Inc. の商標または登録商標です。
  そのほか、説明書の中で記載されている会社名、団体名、商品名は、各社の商標または登録商標です。

各部のなまえ

コネクトランプ

- **消灯**：無線LAN機能が使えません。
- **点灯**：無線LAN機能が使えます。(ともだち家電登録済み)
  調理中は、無線LAN通信を停止するため、消灯します。
- **点滅**：無線LAN通信エラーです。(10ページ) をご覧ください。

通信状態表示

無線LANがONのとき表示します。

- ☁---🏠：宅内無線LANに接続していません。
- ☁---🏠：宅内無線LANに接続しています。
  (🏠が緑に点灯)
- ☁---🏠：ともだち家電登録済みです。
  (☁---🏠が緑に点灯)
- 通信状態表示に⊗表示がある場合は、通信エラーです。
  (10ページ) をご覧ください。

新着メニューを受け取ると、点滅表示でお知らせします。[**次へ**]→[**ダウンロードメニュー**]に15メニューまで保存されます。(8ページ)

音声情報を受け取ると、点滅表示でお知らせします。(9ページ)

● ここに記載以外の各部のなまえについては、クックブック(取扱説明編)をご覧ください。

ココロボ～ドアプリのインストール

● すでにココロボ～ドアプリをスマートフォンにインストールしている場合は、アップデートしてから (6ページ) にお進みください。

① **ココロボ～ドのサイトからインストールする**
http://cboard.cloudlabs.sharp.co.jp/fsns/static/info/

• アプリをインストールする際に必要な通信料は、お客様のご負担になります。

② **ココロボ～ドアプリを起動し、画面に触れたまま指を右から左へ滑らせ、ページをめくる。利用規約をご確認の上、「ココロボ～ドの利用規約に同意する」にチェックをして、[はじめる]をタップする**

③ **[ともだち家電を登録する]をタップし、「SHARP i CLUB」のシャープIDとパスワードを入力してログインする**
• 初めてログインする場合は、ココロボ～ドで使用するユーザー名とユーザー画像を設定します。

> ココロボ～ドアプリを使用するためには、「SHARP i CLUB」への登録(登録無料)が必要です。未登録の場合は、[**SHARP i CLUBへ**]をタップして画面の指示に従って「SHARP i CLUB」の新規会員登録をおこない、シャープ IDを取得してください。

④ **ログインできたことを確認したら、アプリを閉じる**

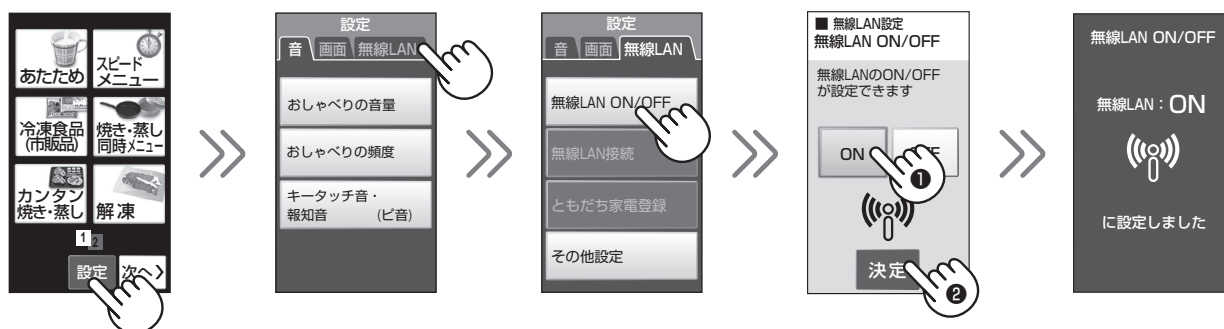
無線LAN機能の初期設定

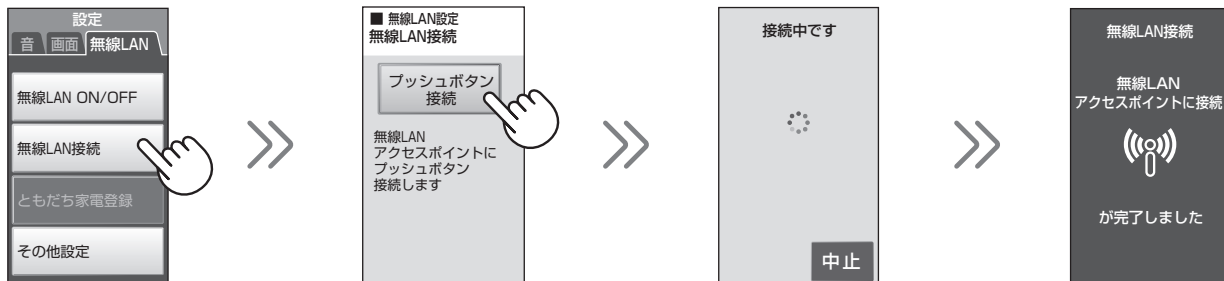
本書で記載しているイラストは説明用のものであり、実際とは異なる場合があります。
また、ココロボ～ドアプリの画面やアイコン、文章は、バージョンアップによって変更される場合があります。

1.宅内無線LANに接続する

ヘルシオの無線LAN設定は、プッシュボタン方式（4ページ）**対応の無線LANアクセスポイントに対応しています。手動で設定することはできません。**

ヘルシオを宅内無線LANに接続する

① （初期画面）**の[設定]から、無線LANをONにする**

② **宅内無線LANアクセスポイントを、プッシュボタン接続ができる状態にする**
操作方法は、お使いの無線LANアクセスポイントの取扱説明書をご確認ください。

③ **[無線LAN接続]を選び、[プッシュボタン接続]を押す**

- 約2分以内に無線LANアクセスポイントと接続できないときは、[**無線LANアクセスポイントに接続できませんでした**]と表示されます。その場合は、もう一度、②、③の操作をおこなってください。
- 接続できない場合、③の「接続中です」が表示している状態のときに、②を試すと接続できることがあります。

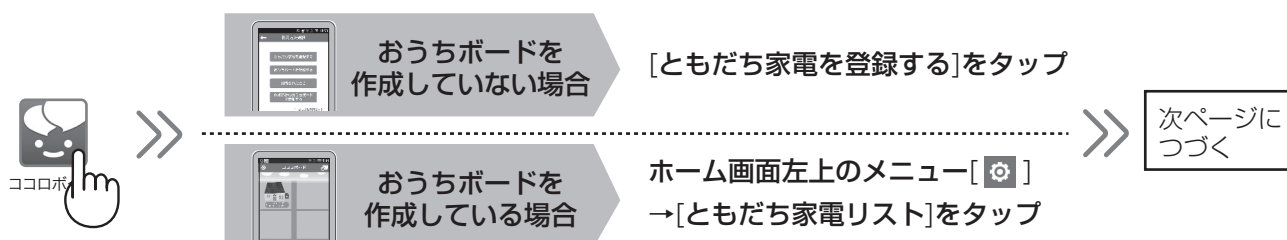
スマートフォンをヘルシオと同じ宅内無線LANに接続する

設定方法は、スマートフォンの取扱説明書をご確認ください。

2.ココロボ～ドアプリを起動する

おうちボードを作成していない場合：[**ともだち家電を登録する**]をタップ

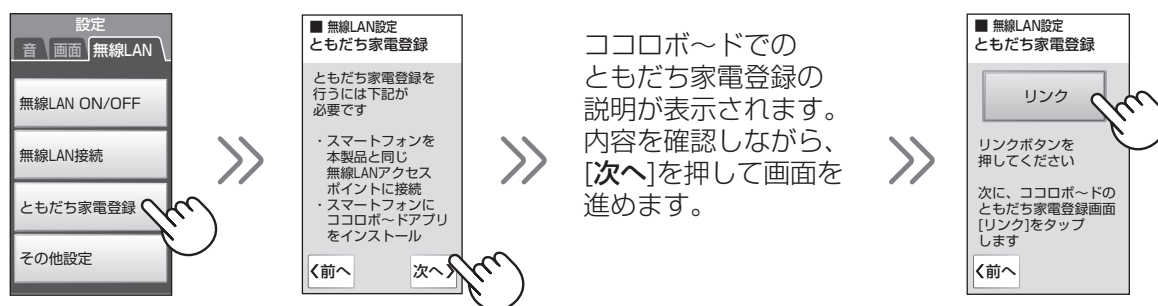
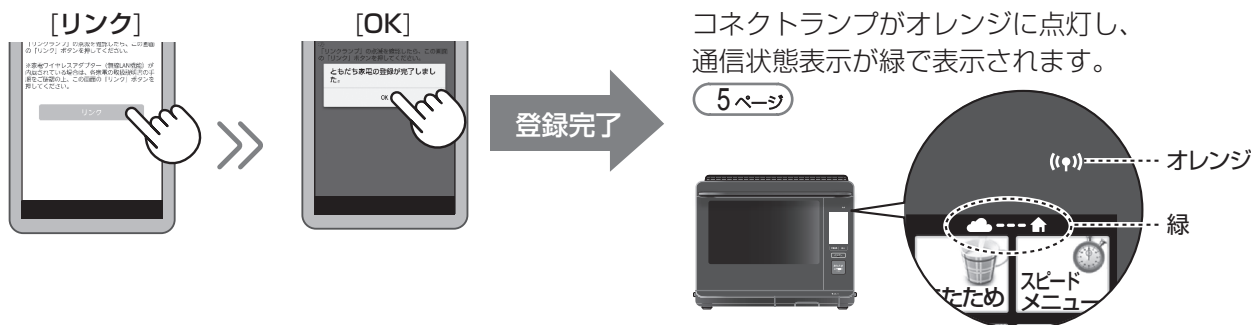
おうちボードを作成している場合：**ホーム画面左上のメニュー[⚙]→[ともだち家電リスト]をタップ**

次ページにつづく

ログインしていない場合は、「SHARP i CLUB」のシャープIDとパスワードを入力してログインします。

3.ヘルシオをともだち家電として登録する

① **スマートフォンでともだち家電に必要な情報を入力する**

② **ヘルシオでともだち家電登録設定をする**

- (初期画面) から操作するときは、[**設定**]→[**無線LAN**]を押してから、次の操作をします

③ **スマートフォンで登録完了設定をする**

ヘルシオをおうちボードに招待する

① **ココロボ～ドアプリでおうちボードを作成する**
(おうちボードをすでに作成している場合は不要です)

② **おうちボードにヘルシオを招待する**
※おうちボードのオーナー(作成者)しか、ヘルシオ(ともだち家電)を招待することができません。

■おうちボードの作成方法、ヘルシオの招待については、ココロボ～ドのご利用ガイドをご覧ください。
http://cboard.cloudlabs.sharp.co.jp/fsns/static/support/

ヘルシオにメニューをダウンロードする

① ココロボ～ド内おうちボードのメインメニューから[ヘルシオレシピ]をタップして、作りたいメニューを選びダウンロードする。

[☰]→[ヘルシオレシピ]　　メニューを選ぶ　　[**ダウンロード画面へ**]　　[**ダウンロード**]

ヘルシオからココロボ～ドにメッセージが届いているとき

メッセージ画面の[**リンク**]をタップすると、おすすめメニューが表示されます。
上記同様に、メニューを選ぶとダウンロードすることができます。

レシピ詳細が表示されます。
[**ダウンロード画面へ**]
→[**ダウンロード**]
をタップ

ダウンロード情報がヘルシオに届くと、ヘルシオからココロボ～ド内おうちボードにメッセージが届きます。

② **ヘルシオのドアを開け、**(初期画面) **左下に点滅表示**※**している[新着メニュー]を押す。次にダウンロードしたメニュー画面が表示され、[決定]を押すと、加熱スタートの画面になります。**
(※音声でお知らせする場合があります)

[**とりけし**]を押すと、[**新着メニュー**]は消灯します。ダウンロードしたメニューを呼び出すには、下記を参照ください。

ダウンロードしたメニューを呼び出す

● (初期画面) の[次へ]→[ダウンロードメニュー]を押すと、ダウンロードしたメニュー画面が表示されます。

- **15メニューまで**保存します。
- 保存メニュー数を超えて新着メニューが届いた場合は、保存した日付が古いメニューから順に消えます。
- メニューを消したくない場合は、保護します。(9ページ)

ダウンロードしたメニューを保護する

保護したいメニュー画面を表示させて、左上の 🔓 を押す

- 🔓 (灰色)：未保護
  🔒 (黄色)：保護中
- 5メニューまで保護できます。
- 保護を解除する場合は、🔒 を押す

メッセージを確認する

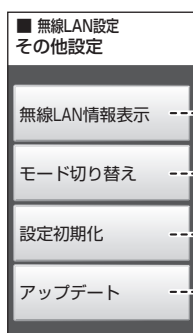
点滅

- 音声情報を受け取ると、(初期画面) 左下に点滅表示でお知らせします。
- [聞いて]は点滅中に押すとおしゃべりし、点灯表示に変わります。
  もう1度押すと、おしゃべりを聞き直すことができ、聞き直したあと、[聞いて]は消灯します。
- 新たな情報を取得した場合のみ、[聞いて]は表示します。
- 季節のあいさつなどは、ドアを開けると話しかけます。

■その他、詳しい使いかたは、下記サイトをご覧ください。
http://healsio.jp/feature/tomodachi.html

その他設定

- (初期画面) の[設定]→[無線LAN]→[その他設定]を押してから操作します。

■ 無線LAN設定
その他設定

無線LAN情報表示
- MACアドレス、IPアドレス、接続先を表示します。

モード切り替え
- 「シャープクラウド」モードから「ECHONETLite」モードへ切り替えます。
  「ECHONETLite」モードから「シャープクラウド」モードに戻す場合は、**設定初期化**をおこなってください。
  「ECHONETLite」モードについて (裏表紙)

設定初期化
- セキュリティ確保のために無線LAN設定情報を初期化します。

  - 本製品を廃棄したり、第三者に譲渡する場合
  - 「ECHONETLite」モードから「シャープクラウド」モードに戻す場合

  ①ココロボ～ドアプリのホーム画面左上のメニュー[⚙]→[**ともだち家電リスト**]→[**初期化**]の順にタップして**ヘルシオ**を選ぶ
  ②ヘルシオで[**設定初期化**]→[**初期化**]

  - 本製品を第三者から譲渡された場合

  ヘルシオで[**設定初期化**]→[**次へ**]→[**OK**]

  場合によって操作が異なります。ご注意ください。

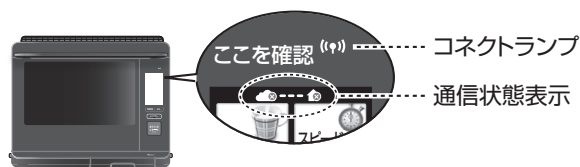
アップデート
- 無線LAN機能をアップデートします。
  ①ココロボ～ドアプリのホーム画面左上のメニュー[⚙]→[**ともだち家電リスト**]→[**ファームアップデート**]→**ヘルシオ**を選び、[**アップデート**]をタップする
  ②ヘルシオで[**アップデート**]を押し、[**OK**]が表示されたら、押す

こんなときは？

修理のご依頼やお問い合わせの前に、下記内容をお調べください。
あわせて、シャープサポートページの「ヘルシオ」に関するページもご確認ください。

コネクトランプが点滅しているとき

- 通信エラーです。(初期画面)上部の通信状態表示を確認して、無線LANアクセスポイントやスマートフォンの接続確認をおこなってください。

※画面にエラー内容が表示されている場合は、表示の内容に従ってください。

ヘルシオを宅内無線LANに接続できないとき(を表示)

無線LANアクセスポイントの接続確認をするために、以下の順にお調べください。

確認内容	回答	対処
(1-1) 無線LANアクセスポイントは「IEEE802.11b/g/n」に対応していますか。(無線LANアクセスポイントの取扱説明書で確認してください)	対応している	→**(1-2)**にお進みください。
	対応していない	→無線LAN機能はご使用できません。ご使用になる場合は「IEEE802.11b/g/n」対応の無線LANアクセスポイントをご用意ください。
(1-2) 無線LANアクセスポイントは「プッシュボタン方式対応」(4ページ)ですか。(無線LANアクセスポイントの取扱説明書で確認してください)	はい	→プッシュボタン接続をしてください。接続できない場合は**(1-3)**にお進みください。
	いいえ	→「プッシュボタン方式対応」の無線LANアクセスポイントをご用意ください。
(1-3) セキュリティの暗号化方式は「WEP」以外ですか。(無線LANアクセスポイントの取扱説明書で確認してください)	はい	→**(1-4)**にお進みください。
	いいえ	→ WEP以外に変更してから、**(1-4)**にお進みください。
(1-4) 無線LANアクセスポイントでSSIDを隠す設定(ステルス設定)をしていますか。(無線LANアクセスポイントの取扱説明書で確認してください)	はい	→ステルス設定を解除してから、 **(1-5)**にお進みください。
	いいえ	→**(1-5)**にお進みください。
(1-5) 無線LANアクセスポイントでMACアドレスフィルタリング設定をしていますか。(無線LANアクセスポイントの取扱説明書で確認してください)	はい	→本製品のMACアドレスを登録してから**(1-6)**にお進みください。MACアドレスは、[**その他設定**]→[**無線LAN情報表示**](9ページ)でご確認ください。
	いいえ	→**(1-6)**にお進みください。
(1-6) もう一度、本製品と無線LANアクセスポイントの接続をしてください。接続できましたか。	はい	→本製品と無線LANアクセスポイントの接続は完了しました。
	いいえ	→**(1-7)**にお進みください。

(1-7)以下①～③の順にお調べください。それでも接続できない場合は、 シャープサポートページのQ&Aをご確認ください。

① 無線LANアクセスポイントの本体やアンテナの向きを調整する。
② 無線LANアクセスポイントを本製品に近づける。
③ 無線LANアクセスポイントの電源スイッチを入れ直し、無線LANが有効になったことを確認してから、本製品の電源を入れ直して、「設定初期化」をする。(9ページ)
無線LANアクセスポイントの再起動には、一般的に5分程度かかります。詳細は、ご利用の無線LANアクセスポイントの取扱説明書をご確認ください。

ともだち家電登録ができないとき

スマートフォンとの接続確認をするために、以下の順にお調べください。

確認事項		対処
(2-1) スマートフォンは「ご使用可能な条件」(**必要な環境** 4ページ 参照)に対応していますか。	はい	→(2-2)にお進みください。
	いいえ	→お使いのスマートフォンでは、本製品のともだち家電登録ができません。
(2-2) スマートフォンの画面に無線LANで接続できていることを示すマークが出ていますか。	はい	→(2-3)にお進みください。
	いいえ	→スマートフォンが無線LAN接続していません。無線LANの接続設定をしてから、(2-3)にお進みください。
(2-3) スマートフォンは本製品と同じ無線LANアクセスポイントに接続していますか。	はい	→(2-4)にお進みください。
	いいえ	→本製品と同じ無線LANアクセスポイントに接続してから、本製品のともだち家電登録をしてください。
(2-4) 本製品は第三者から譲渡されたものですか。	はい	→[**その他設定**]→[**設定初期化**]→[**次へ**]→[**OK**]をおこないます。9ページ
	いいえ	→(2-5)にお進みください。

(2-5)以下①～④の順にお調べください。それでもともだち家電登録できない場合は、シャープサポートページのQ&Aをご確認ください。
① 無線LANアクセスポイントの本体やアンテナの向きを調整する。
② スマートフォンのWEBブラウザでインターネットのページを表示し、ネットワークに正しく接続されているかを確認する。
③ 無線LANアクセスポイントを本製品に近付ける。
④ 本製品の電源を入れ直し、1分ほど待ってからもう1度設定する。

スマートフォンからの指示を受け付けないとき

- コネクトランプが消灯している場合→無線LAN機能がOFFになっています。
  無線LAN機能の設定を確認してください。6ページ
- コネクトランプが点滅している場合（ を表示)→「シャープクラウド」サービスとの通信エラーです。
  メンテナンス状況をサポートページでご確認ください。
  しばらくすると、コネクトランプが点灯する場合もあります。

無線LANアクセスポイントを変更したとき

再度、宅内無線LANに接続し直す必要があります。
ヘルシオを宅内無線LANに接続してください。6ページ

■その他については、シャープサポートページのQ&Aをご確認ください。
http://www.sharp.co.jp/support/healsio/index.html

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This file is part of the lwIP TCP/IP stack.

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無線LAN機能に関する仕様

通信方式	無線LAN 2.4GHz帯 (IEEE802.11b/g/n)
動作方式	下記、2つのモードのどちらかを選択して利用します。 a)「シャープクラウド」モード(工場出荷時の設定) 「ココロボ～ド」を利用した当社独自サービスを利用するためのモード b)「ECHONETLite」モード ECHONET Lite規格書 Version1.10に準拠したモード ECHONETLite機能の対応状況に関しては、シャープサポートページをご覧ください。

- 工場出荷時は、ネットワークに接続しない設定になっています。
- 「ECHONETLite」は一般社団法人エコーネットコンソーシアムの商標です。

ウォーターオーブン　AX-XP1WF

別冊 無線LANガイドブック

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